

SECTION A: AMENDMENTS TO THE CLAIMS

Please cancel Claims 2, 5, 14, 17 and 18 herein, without prejudice. The following is a complete listing of all the claims.

- 1 1. (Currently Amended) A golf club shaft formed by winding a plurality of layers
2 around a mandrel with a main body having a body surface and a mandrel tip having a
3 tip surface that is recessed relative to the body surface of the main body of the mandrel,
4 wherein the mandrel is removed after curing, the golf club shaft comprising:
5 a first layer of metal-containing prepreg wrapped at a tip of the shaft;
6 a layer of non-metal fiber prepreg wrapped adjacent to the first layer of
7 metal-containing prepreg and throughout a length of the shaft; and,
8 wherein the non-metal fiber prepreg is supported on the first layer of
9 metal-containing prepreg and forms a generally non-inflected inner surface
10 throughout the length of the shaft; and
11 a second layer of metal-containing prepreg wrapped adjacent to the
12 layer of non-metal fiber.

2. (Canceled)

- 1 3. (Original) The golf club shaft of Claim 1 wherein the golf club shaft has a
2 mass of about 80 - 130 g.

1 4. (Original) The golf club shaft of Claim 1 wherein the golf club shaft has a
2 center of mass located at about 45-51 % when measured from the tip and expressed as
3 a ratio to an overall length of the golf club shaft.

5. (Canceled)

1 6. (Currently Amended) The golf club shaft of Claim 1 wherein the first layer of
2 metal-containing prepreg located at the tip of the shaft is an inner-most layer.

1 7. (Currently Amended) The golf club shaft of Claim 6 wherein the inner-most
2 first layer of metal-containing prepreg is located along a length of the shaft between a
3 tip of the shaft and 40% of an overall length of the shaft.

1 8. (Currently Amended) The golf club shaft of Claim 6 wherein the layer of non-
2 metal fiber prepreg is wrapped over the inner-most first layer of metal-containing
3 prepreg.

1 9. (Currently Amended) The golf club shaft of Claim 1 wherein the first layer of
2 metal-containing prepreg comprises a metal having a specific mass greater than
3 7g/cm³.

1 10. (Currently Amended) The golf club shaft of Claim 1 wherein the first layer of
2 metal-containing prepreg contains a metal fiber.

1 11. (Currently Amended) The golf club shaft of Claim 1 wherein the first layer of
2 metal-containing prepreg contains a metal powder.

1 12. (Original) The golf club shaft of Claim 11 wherein the metal powder is
2 dispersed in a synthetic resin sheet.

1 13. (Original) The golf club shaft of Claim 12 wherein the metal powder
2 comprises tungsten.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

1 19. (Previously Presented) A golf club shaft formed by winding a plurality of
2 layers around a mandrel that is removed after curing comprising:
3 a layer of metal-containing prepreg wrapped at a tip of the shaft; and
4 a layer of non-metal fiber prepreg wrapped adjacent to the layer of
5 metal-containing prepreg throughout a length of the shaft.

1 20. (Previously Presented) The golf club shaft of Claim 19 wherein the layer of
2 metal-containing prepreg wrapped at the tip of the shaft comprises a first layer of
3 metal-containing prepreg and a second layer of metal-containing prepreg.

1 21. (Previously Presented) The golf club shaft of Claim 19 wherein the golf club
2 shaft has a mass of about 80 - 130 g.

1 22. (Previously Presented) The golf club shaft of Claim 19 wherein the golf club
2 shaft has a center of mass located at about 45~51% when measured from the tip and
3 expressed as a ratio to an overall length of the golf club shaft.

1 23. (Previously Presented) The golf club shaft of Claim 19 wherein the gold club
2 shaft has an elasticity index (EI) value about $3.0 \sim 4.5 \text{ kgf} \cdot \text{m}^2$ at 200 mm from the tip.

1 24.. (Previously Presented) The golf club shaft of Claim 19 wherein the layer of
2 metal-containing prepreg located at the tip of the shaft is an inner-most layer.

1 25. (Previously Presented) The golf club shaft of Claim 24 wherein the
2 inner-most layer of metal-containing prepreg is located along a length of the shaft
3 between a tip of the shaft and 40% of an overall length of the shaft.

1 26. (Previously Presented) The golf club shaft of Claim 24 wherein the layer of
2 non-metal fiber prepreg is wrapper over the inner-most layer of metal-containing
3 prepreg.

1 27.. (Previously Presented) The golf club shaft of Claim 19 wherein the layer of
2 metal-containing prepreg comprises a metal having a specific mass greater than 7
3 g/cm³.

1 28. (Previously Presented) The golf club shaft of Claim 19 wherein the layer of
2 metal-containing prepreg contains a metal fiber.

1 29. (Previously Presented) The golf club shaft of Claim 19 wherein the layer of
2 metal-containing prepreg contains a metal powder.

1 30. (Previously Presented) The golf club shaft of Claim 29 wherein the metal
2 powder is dispersed in a synthetic resin sheet.

1 31. (Previously Presented) The golf club shaft of Claim 30 wherein the metal
2 powder comprises tungsten.

1 32. (Previously Presented) The golf club shaft of Claim 30 wherein the synthetic
2 resin sheet comprises epoxy resin.

1 33. (Previously Presented) A golf club shaft formed by winding a plurality of
2 layers around a mandrel that is removed after curing comprising:
3 a layer of metal-containing prepreg that contains a metal fiber and is
4 wrapped at an innermost layer at a tip of the shaft; and
5 a layer of non-metal fiber prepreg wrapped adjacent to the layer of
6 metal-containing prepreg throughout a length of the shaft.

1 34. (Previously Presented) The golf club shaft of Claim 33 wherein the layer of
2 metal-containing prepreg wrapped at the tip of the shaft comprises a first layer of
3 metal-containing prepreg and a second layer of metal-containing prepreg.

1 35. (Previously Presented) The golf club shaft of Claim 33 wherein the golf club
2 shaft has a mass of about 80 - 130 g.

1 36. (Previously Presented) The golf club shaft of Claim 33 wherein the golf club
2 shaft has a center of mass located at about 45~51% when measured from the tip and
3 expressed as a ratio to an overall length of the golf club shaft.

1 37. (Previously Presented) The golf club shaft of Claim 33 wherein the gold club
2 shaft has an elasticity index (EI) value about $3.0 \sim 4.5 \text{ kgf} \cdot \text{m}^2$ at 200 mm from the tip.

1 38. (Previously Presented) The golf club shaft of Claim 33 wherein the layer of
2 metal-containing prepreg located at the tip of the shaft is an inner-most layer.

1 39. (Previously Presented) The golf club shaft of Claim 38 wherein the
2 inner-most layer of metal-containing prepreg is located along a length of the shaft
3 between a tip of the shaft and 40% of an overall length of the shaft.

1 40. (Previously Presented) The golf club shaft of Claim 38 wherein the layer of
2 non-metal fiber prepreg is wrapper over the inner-most layer of metal-containing
3 prepreg.

41. (Previously Presented) The golf club shaft of Claim 33 wherein the layer of
metal-containing prepreg comprises a metal having a specific mass greater than 7
3 g/cm³.
